

03500.017420

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

SHUICHI MURAKAMI ET AL.

Application No.: 10/621,347

Filed: July 18, 2003

For: INK JET RECORDING HEAD

)  
:  
)  
:  
)  
:  
)  
:  
)

Examiner: Unassigned

Group Art Unit: Unassigned

October 20, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. A copy of each of the listed documents is enclosed.

The Examiner's attention is also directed to the following U.S. Applications, a copy of each of which is enclosed:

<u>Application Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>	<u>Group Art Unit</u>	<u>Status</u>
10/419,839	Ken Tsuchii Mineo Kaneko Keiichiro Tsukuda Masaki Oikawa Kenji Yabe Keiji Tomizawa	April 22, 2003	2853	Allowed
10/419,843	Shuichi Murakami Michinari Mizutani	April 22, 2003	2861	Pending
10/614,009	Keiji Tomizawa Shuichi Murakami	July 8, 2003	2853	Pending
10/614,159	Keiji Tomizawa Shuichi Murakami Mitsuhiro Matsumoto	July 8, 2003	Unassigned	Pending

For the concise explanation of relevance for the foreign language documents, the Examiner is referred to pages 35-37 of the specification, where those documents are discussed, to the English-language abstracts enclosed herewith (for JP 4-10940 and JP 4-10941), and to the enclosed U.S. counterpart documents identified below.

U.S. Patent Nos. 5,218,376 and 6,155,673 are U.S. counterparts to Japanese Patent Application Laid-Open Nos. 4-10940 and 4-10941.

U.S. Patent No. 4,657,631 is a U.S. counterpart to Japanese Patent Publication No. 6-45242.

### FORMAL MATTERS

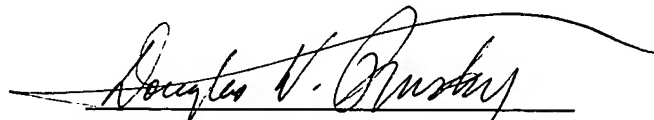
In accordance with 37 C.F.R. §1.97(b), since this Information Disclosure Statement is being filed within three months of the filing date of the subject application, neither a statement under 37 C.F.R. §1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicants  
Douglas W. Pinsky  
Registration No. 46,994

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
DWP/tmc



FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

October 20, 2003

ATTY DOCKET NO.

03500.017420

APPLICATION NO.

10/621,347

APPLICANT

SHUICHI MURAKAMI ET AL.

FILING DATE

July 18, 2003

GROUP

Unassigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,657,631	04/1987	Noguchi			
	5,218,376	06/1993	Asai			
	6,155,673	12/2000	Nakajima et al.			
	6,350,016 B1	02/2002	Tachihara et al.			
	6,443,561 B1	09/2002	Murakami			
	6,520,626 B1	02/2003	Murakami			
	6,540,335 B2	04/2003	Touge et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP 4-10940 A	01/1992	Japan			Abstract*
JP 4-10941 A	01/1992	Japan			Abstract*
JP 6-45242 B2	06/1994	Japan			U.S. Counterpart

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

\*Note: U.S. counterpart patents also submitted (see text of IDS).

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.  
DWP/tmc

Sheet 1 of 1